

Atharv Bhavsar

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EDUCATION

VIT Bhopal University

Bachelor of Technology

Major in Computer Science and Engineering; Minors in Cybersecurity and Digital Forensics

CGPA: 8.49/10;

Kothri, Madhya Pradesh

October, 2022 - Present

St. Paul Higher Secondary School

XII Grade

CGPA: 9.51/10

Indore, Madhya Pradesh

June, 2021 – July, 2022

WORK EXPERIENCE

ShadowFox (Virtual Internship)

Cybersecurity Intern

Indore, Madhya Pradesh

November, 2024 – December, 2024

- Conducted penetration testing by scanning and identifying open ports on a test website, improving vulnerability assessment skills.
- Executed a cybersecurity attack simulation, successfully intercepting network traffic using Wireshark to extract transmitted credentials, enhancing hands-on network security expertise.

Cyber Secured India (Virtual Internship)

Cybersecurity Intern

Indore, Madhya Pradesh

April, 2023 – June, 2023

- Completed weekly assignments and lab submissions, reporting progress at the end of each week to ensure consistent performance and accountability.
- Utilized tools such as Metasploit, Nmap, Burp Suite, and BeEF- The Browser Exploitation Framework, gaining hands-on experience in cybersecurity practices.
- Engaged in an immersive learning experience that enhanced understanding and proficiency in cybersecurity tools and techniques.

PROJECTS

ReconSuite [C/C++, Qt Creator, Qt Designer]

March, 2024 – May, 2024

- Engineered “Reconsuite”, a graphical user interface (GUI) application for cybersecurity reconnaissance tools, utilizing the Qt framework and C++ for efficient GUI development, achieving a 30% reduction in manual command-line interactions.
- Consolidated 5 command-line tools (ping, traceroute, dig, dnsenum, and ffuf) into a unified, user-friendly interface, streamlining Cybersecurity assessments and improving efficiency by 40%.
- Collaborated with a team of 4, designing and implementing features that enhanced functionality and user experience, including leveraging Qt Creator and Qt Designer to develop a seamless and intuitive interface.

Text Excrypter [HTML, CSS, JavaScript]

May, 2024 – June, 2024

- Conceptualized, developed and deployed a text encryption application using HTML, CSS, and JavaScript, implementing both symmetric and asymmetric encryption algorithms (AES, DES, and RSA) with encryption/decryption speeds optimized by 25%.
- Designed and crafted an intuitive web-based interface that facilitated seamless user interactions with encryption functions.
- Demonstrated expertise in front-end development and cryptography, independently managing the entire project lifecycle, overseeing design, implementation and deployment.

TECHNICAL SKILLS

Languages: C/C++, HTML/CSS, JavaScript, Python

CS Concepts: Data Structures and Algorithms, Database Management Systems, Theory of Computation, Operating System, Computer Networks

Frameworks: Qt (Software development framework)

Developer Tools: Git, VS Code, Eclipse, GitHub, QtCreator, QtDesign

ACHIEVEMENTS

Hackathons: Buildathon, Preprod Corp - Developed the frontend for an AutoML project during a Buildathon, enhancing the user experience and enabling efficient model deployment.

Languages: Fluent in English, Marathi and Hindi; Beginner in French

Certifications & Training: Certified Ethical Hacker (CEHv12), Kaggle - Introduction to Machine Learning